

**ELECTRONIC DISPLAY MODULE HAVING A
FOUR-POINT LATCHING SYSTEM FOR INCORPORATION
INTO AN ELECTRONIC SIGN AND PROCESS**

PARTS LIST

10	electronic display module having a four-point latching system	39	mounting panel assembly
		39a-b	vertical plates
12	main housing	39c-d	horizontal plates
13	peripheral wall	40a-e	louver panel attachment pins
14	driver board	41	tab
16	louver panel	42a-d	drive board attachment pins
18	LED display panel	43	alignment hole
20a-d	latch mechanisms	44	seal
22	panel	46a-e	body holes
24a-d	latch housings	48a-n	connectors
26	latch	50a-n	connectors
28	outboard latch arm	52	access hole
30	inboard latch arm	54	access hole
32	actuator arm	56	access hole
		58	access hole
34	actuator gear	60a-d	body holes
36	gear support housing	62	body hole
38a-d	locator posts	64	body hole (latch housing)

66	body hole	85	slot
68a-d	cutouts	86	slot
70	latch lock plate	87	slot
72	linkage	88	slot
73	rounded cross-member pivot bar	90	recess
74	attachment fixture	92	slot
74a	central attachment fixture	94	pivot pin
74b	outboard attachment fixture	95	pivot pin
74c	inboard attachment fixture	96	outboard post
75	link	98	inboard post
76	interlatch space	100	outboard sidewall
77	link	102	inboard sidewall
78	radiused curve	104	guide body
80	radiused curve	106a-b	top walls
81	pivot pin	107	recess
82	planar bottom surface	108	louver pin receptor post
83	pivot pin	109	planar surface
84	planar bottom surface	110	outboard slot
		112	inboard slot
		113	opening
		114	main panel
		116	cutout
		118	cavity
		120	outboard retainer bar

122	inboard retainer bar	159	receptacle hole
124	outboard configured cavity	160	support hole
126	inboard configured cavity	162	panel
		164	panel
127	outboard slot	166	retainer catch
128	cutout	168	retainer catch
129	inboard slot	170	outboard slot
		172	inboard slot
130	retainer catch	174a-n	support struts
132	retainer catch		
134	retainer catch	176	longitudinal travel path
136	retainer catch		
138	actuator arm main body	178	first axis of pivotal rotation
140	attachment fixture	180	longitudinal travel path
142	actuator arm gear receptor	182	second axis of pivotal rotation
144a-n	gear receptor cavities		
146	pivot hole		
150	gear		
152	shaft		
154	support hole		
156	central panel		
158	shaft		